

IN THE CLAIMS

Please cancel claims 10 through 18 without prejudice or disclaimer as to their subject matter and amend claims 1 through 3 as follows:

- 1 1. (Currently Amended) A program storage device, readable by a machine, tangibly
2 embodying a program of instructions executable by the machine to perform a method of
3 providing a user with alarm information in a data table system, the method comprising:
4 ~~lightweight alarm manager running in a Web browser, to be applied to a computer~~
5 ~~connected to NMS (Network Management System) over network, comprising: a header~~
6 ~~frame fixing a title label of [[the]] a lightweight alarm manager in a Web browser via a~~
7 ~~header frame, the alarm manager being applied to a computer connected to a NMS (Network~~
8 ~~Management System) over a network;~~
9 ~~a data frame receiving alarm information from the NMS through the network via a~~
10 ~~data frame;~~
11 [[and]] managing the alarm information in XML (Extensible Markup Language)
12 format via the data frame; and
13 ~~a contents frame having dynamic HTML (Hypertext Markup Language) for reading~~
14 the alarm information being managed in the data frame by a contents frame having a dynamic
15 HTML (Hypertext Markup Language); and
16 providing [[a]] the user with the alarm information in [[a]] the data table system via
17 the contents frame.

1 2. (Currently Amended) The alarm manager method of claim 1, wherein the contents
2 frame handles a table object of a HTML provided by the Web browser, and provides a GUI
3 (Graphical User Interface).

1 3. (Currently Amended) The alarm manager method of claim 1, wherein the contents
2 frame provides the alarm information that is comprised of {severity} of the alarm,
3 {eventtime} when the alarm is raised, alarm ID {alarm_id}, components of network
4 equipment, {dn}, where the alarm is raised, and contents of the alarm {contents}.

1 4. (Original) A service method of a lightweight alarm manager running in a Web
2 browser, to be applied to a computer connected NMS (Network Management System)
3 through network, the service method comprising the steps of:

4 receiving a request from a user to use the alarm manager;

5 creating a header frame, a contents frame, and a data frame on the Web browser in the
6 alarm manager, in response to an alarm manager service request from a user;

7 requesting, at the data frame, that the NMS provide alarm information periodically
8 to the data frame;

9 managing the alarm information in the alarm manager when the alarm information is
10 received by the data frame;

11 periodically checking, by the contents frame made up of dynamic HTML, whether the

12 alarm information in the data frame is being properly managed;
13 accessing and obtaining, by the contents frame, the alarm information being managed
14 by the data frame;
15 constructing a data table of the alarm information being managed by the data frame;
16 and
17 displaying the alarm information to the user.

1 5. (Original) The method of claim 4, wherein the requesting step is comprised of the
2 sub-steps of:
3 requesting the NMS connected to the data frame through the network to provide alarm
4 information periodically;
5 receiving alarm information in a XML format from the NMS; and
6 managing the received alarm information in the XML format.

1 6. (Original) The method of claim 4, wherein the accessing and obtaining,
2 constructing and displaying steps comprise:
3 obtaining, by the contents frame, the alarm information in XML format from the
4 NMS;
5 managing, by the data frame, the received alarm information in the data frame;
6 simply adding a row to a table object, by the contents frame, using attributes of the
7 table object of a HTML provided by the Web browser; and

8 displaying the alarm information being obtained using the table object.

1 7. (Original) The method of claim 5, wherein the accessing and obtaining,
2 constructing and displaying steps comprise:

3 obtaining, by the contents frame, the alarm information in XML format from the
4 NMS;

5 managing, by the data frame, the received alarm information in the data frame;

6 simply adding a row to a table object, by the contents frame, using attributes of the
7 table object of a HTML provided by the Web browser; and

8 displaying the alarm information being obtained using the table object.

1 8. (Original) The method of claim 6, wherein the step for adding a row by the
2 contents frame comprises sub-steps of:

3 checking when a number of current rows in the table object provided by the Web
4 browser is greater than a predetermined number of rows;

5 deleting the oldest record when the number of current rows in the table object
6 provided by the Web browser is greater than the predetermined number;

7 creating a new row in the table object comprising the alarm information read by the
8 contents frame; and

9 displaying the alarm information of the table object when the number of current rows
10 in the table object provided by the Web browser is not greater than the predetermined number

11 of rows to be maintained.

1 9. (Original) The method of claim 7, wherein the step for adding a row by the
2 contents frame comprises sub-steps of:

3 checking when a number of current rows in the table object provided by the Web
4 browser is greater than a predetermined number of rows;

5 deleting the oldest record when the number of current rows in the table object
6 provided by the Web browser is greater than the predetermined number;

7 creating a new row in the table object comprising the alarm information; and

8 displaying the alarm information of the table object when the number of current rows
9 in the table object provided by the Web browser is not greater than the predetermined number
10 of rows to be maintained.

Claims 10 through 18 (Canceled)